

Service Manual

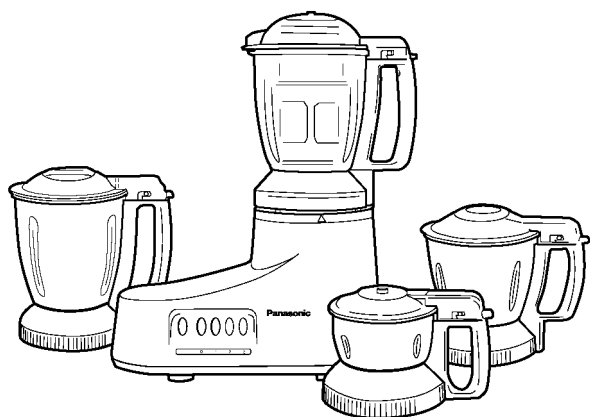
Mixer Grinder

Model No. **MX-AC400WRA**

Chassis

Product Color

Destination Vietnam



WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by  in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

TABLE OF CONTENTS

	PAGE		PAGE
1 Safety Precautions -----	2	5.6. Motor Complete / Upper Body -----	20
2 Specifications -----	3	5.7. Blender Jar Complete (PC Jar / SS Jar) / Mill Cup Complete / Chutney Jar Complete -----	21
3 Location of Controls and Components -----	4	5.8. Lid C (Lid A / Lid J) -----	24
3.1. Parts Identification-----	4	6 Wiring Connection Diagram -----	25
3.2. How to Use-----	6	6.1. Schematic diagram -----	25
3.3. How to Assemble / Disassemble -----	8	6.2. Wiring diagram-----	26
3.4. Safety Lock/Circuit Breaker Protection-----	9	7 Exploded View and Replacement Parts List -----	27
3.5. How to Use Plastic jar with Filter Unit -----	10	7.1. PARTS LOCATION -----	27
3.6. How to Clean -----	12	7.2. REPLACEMENT PARTS LIST -----	28
4 Troubleshooting Guide -----	14	7.3. PACKING INSTRUCTION -----	30
5 Disassembly and Assembly Instructions -----	17		
5.1. Rubber Cap, Connector U (lower)-----	17		
5.2. Bottom Plate -----	17		
5.3. Power Cord U / Circuit Breaker -----	18		
5.4. Switch Complete -----	19		
5.5. Switch Complete B -----	19		

Panasonic

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1 Safety Precautions

The precautions listed below must be followed in order to prevent accidents during repair and ensure the safety of the product after repair.

■ The following labels describe the degree of danger and damage that might result through non-compliance with these precautions.

	Danger	This section warns of the urgent danger of death or serious injury.
	Warning	This section warns of the risk of death or serious injury.
	Caution	This section warns of the risk of injury or damage to property.

■ The following labels describe the types of rules that need to be followed.
(These labels are examples.)

	This label shows a "reminder" action to be paid attention to.
	This label shows a "prohibited" action.
	This label shows a "compulsory" action to be followed without fail.

Warning



Return the wiring to its original state after repairs have been made

Otherwise, the lead wire may touch the rotary parts or edge of a part, causing malfunction, electric shock or fire to occur.

Be careful of electrical shocks



High voltage

During wiring test, such as measuring voltage, be careful of the high voltage part, such as the battery and the lead wire terminals.

Before repair



Unplug

Make sure to cut off the power line before disassembly, parts replacement and assembly.
Otherwise, electrical shock or injury may occur.

Use a designated part



Make sure to use a designated part when the part is marked in circuit diagrams and parts lists.
Otherwise, smoke, fire or failure may occur.

Wait until the rotary part has completely stopped.



Do not touch

You may injure your hands even if the part is only rotating slowly.

Caution



Wear gloves for disassembly, replacement and assembly.

Make sure to wear gloves in order to prevent injuries from metal edges and electric shock when the power is turned on.

2 Specifications

Model No.			MX-AC400
Power Supply			220 – 240 V ~
Power Consumption			340 – 360 W
Protection			Circuit Breaker
Material	Motor Housing		Plastic (ABS)
	Jar		Stainless Steel (SS 304)
	Plastic Jar		Plastic (Polycarbonate)
	Lids		Plastic (Polycarbonate)
	Lid Cover		Plastic (Polycarbonate)
	Lid Gasket		Rubber (EPR)
	Mill Jar		Stainless Steel (SS 304)
	Chutney Jar		Stainless Steel (SS 304)
	Blade		Stainless Steel Hard Type (SS 304)
	Filter		Plastic (ABS)
	Filter Mesh		Stainless Steel (SS 304)
	Filter Gasket		Rubber (Silicone Rubber)
Speed Control			3 Speed with 1 Pulse and 1 Off Button (Piano Type Buttons)
Capacity	PC Jar With Filter	Max	0.65 L (Wet only-With Filter) 1.0 L (Wet only-Without Filter)
	Stainless Steel Jar		1.0 L (Wet only)
	Mill Jar		0.5 L (Dry) / 0.3 L (Wet)
	Chutney Jar		0.2 L
Weight			6.55 kg
Accessories			Whipping Plate, Spatula and Fruit Pusher

3 Location of Controls and Components

3.1. Parts Identification

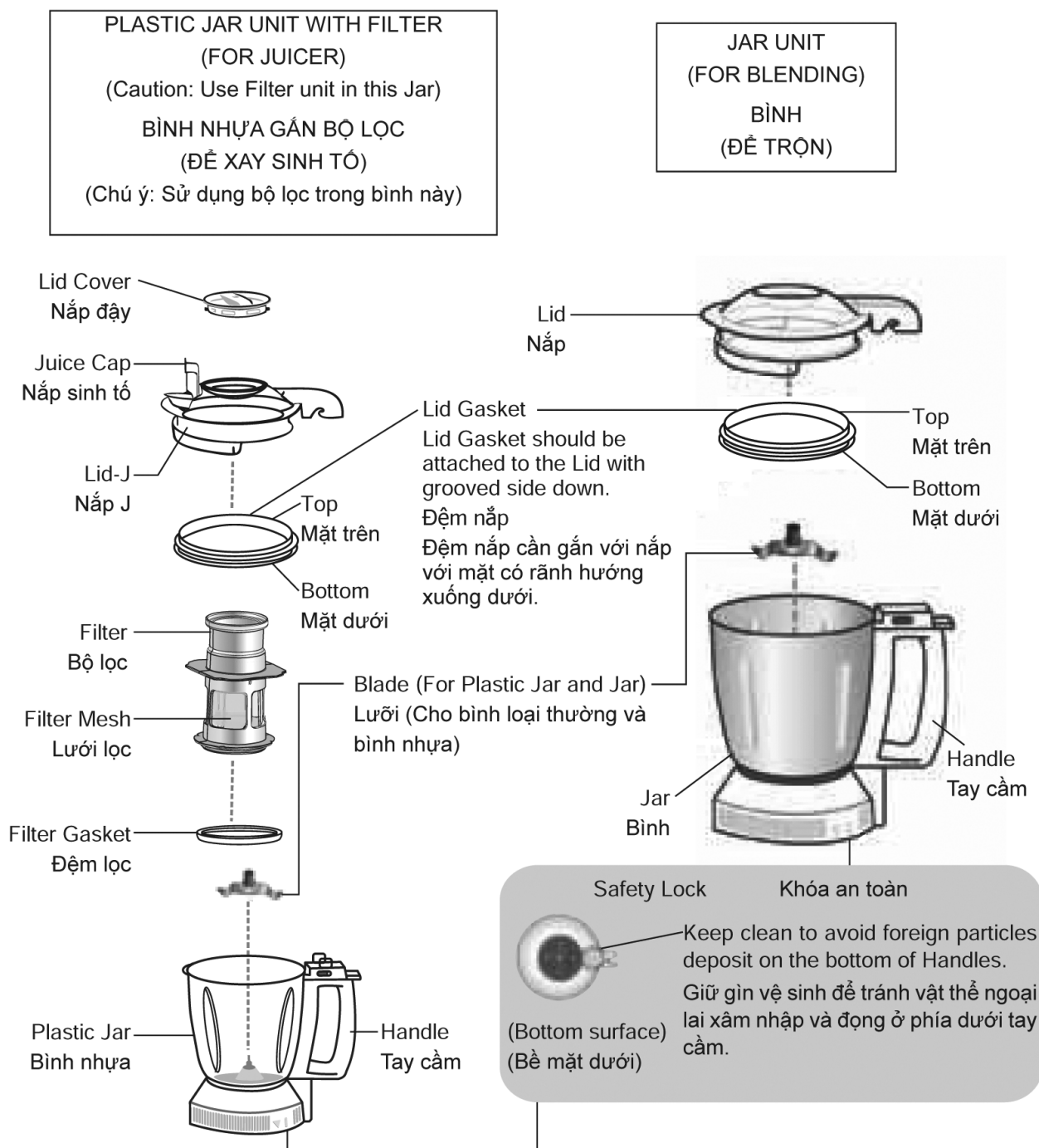
Parts Identification

Pre-wash all the parts and accessories (except Motor Housing) before the first time use.

Rửa qua trước tất cả các bộ phận và phụ kiện (trừ hộp chứa động cơ) trước khi sử dụng lần đầu tiên.

Ensure that the Jars and Lids are clean before using.

Đảm bảo các bình và nắp đầy sạch sẽ trước khi sử dụng.



Linh kiện sản phẩm

Switch Buttons
Các nút công tắc



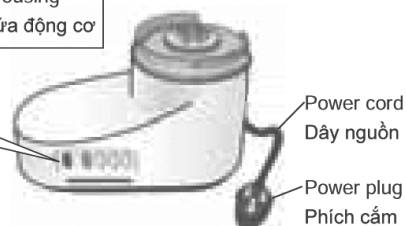
"PULSE"

While holding down the "PULSE" Button, appliance will operate. (To stop, release the finger.)

"PULSE"

Khi ấn nút "PULSE", thiết bị sẽ hoạt động. (Để dừng, buông ngón tay khỏi nút).

Motor Housing
Hộp chứa động cơ

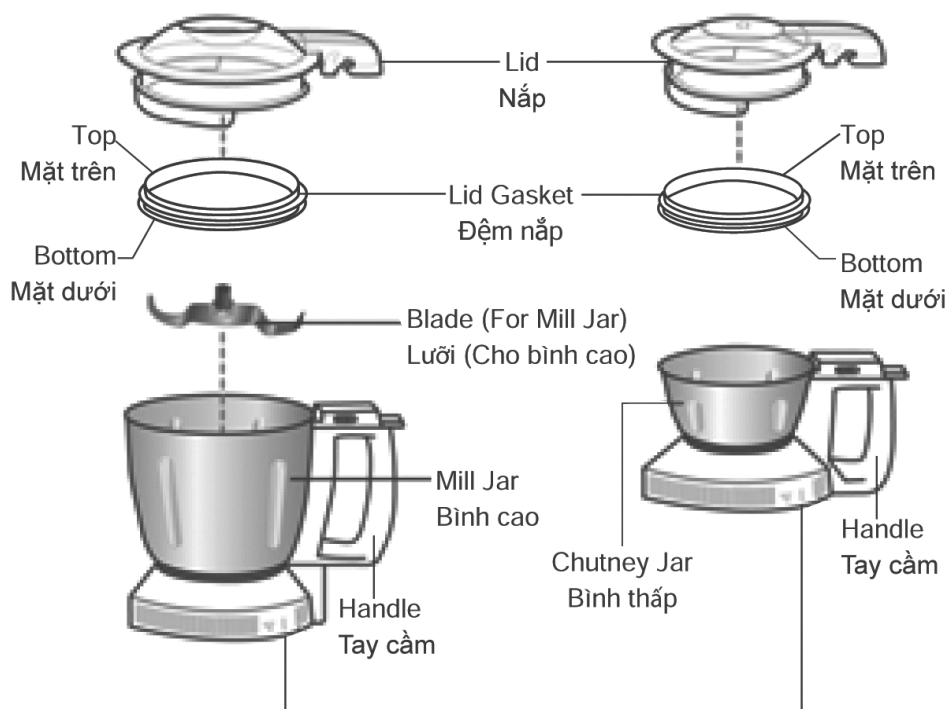


MILL JAR UNIT
(FOR DRY/WET GRINDING)

BÌNH CAO
(ĐỂ XAY KHÔ/ƯỚT)

CHUTNEY JAR UNIT
(FOR DRY/WET GRINDING)

BÌNH THẤP
(ĐỂ XAY KHÔ/ƯỚT)



- Do not put turmeric in the Jar for blending.
- Do not interchange Blades with other Jar. (Assembling a wrong Blade will cause overflow or leak.)
- Không được cho nghệ vào trong bình để trộn.
- Không được tháo đổi lưỡi xay với loại bình khác. (Lắp lưỡi xay không đúng sẽ khiến nguyên liệu tràn hoặc rò rỉ ra ngoài).

- The Chutney Blade is fixed permanently.
- Do not attempt to remove the Chutney Blade.
- Bình thấp được gắn cố định vĩnh viễn.
- Không được cố tháo lưỡi xay của bình thấp.

Accessories

Phụ kiện

Whipping Plate Đĩa đảo



To use for the Jar and the Mill Jar.

Để sử dụng cho bình loại

Spatula Thìa trộn

To use for assembling and disassembling the Blades or Whipping Plate.

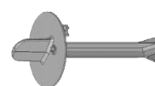
Sử dụng khi tháo và lắp lưỡi hoặc đĩa đảo (whipping plate).



To use for removing contents from the Jar.

Sử dụng để lấy nguyên liệu ra khỏi bình.

Fruit Pusher Đầu ấn trái cây



To use for pushing the fruit contents towards the Blade.

Sử dụng để ấn trái cây trong bình về phía lưỡi xay.

3.2. How to Use

How to Use

Jar/ Plastic Jar/ Mill Jar/ Chutney Jar
Bình/Bình nhựa/Bình cao/Bình thấp

Use the recommended Jar only for the recommended functions like blending and Whipping, etc. (See to "Guide to Functions" on P.18.)

Chỉ sử dụng loại bình khuyên dùng cho những chức năng khuyên dùng như trộn và nhào, v.v... (Xem phần "Hướng dẫn các chức năng" ở trang 18).

1

Put ingredients.

Make sure the Buttons on the Motor Housing are not pressed down.

Cho nguyên liệu vào bình.

Đảm bảo không ấn các nút trên hộp chứa động cơ.

2

Put the Lid on the Jar first, then set it on the Motor Housing.

Trước tiên lắp nắp vào bình, sau đó đặt cả cụm bình lên hộp chứa động cơ.

Do not put turmeric in the Jar for blending.

Không được cho nghệ vào trong bình để trộn.

Line up the triangles. ①
Đóng thẳng các hình tam giác.

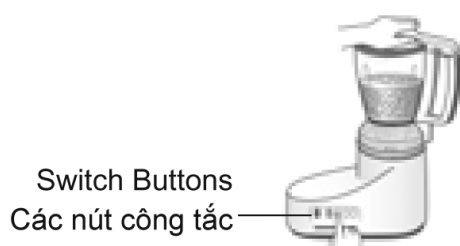


② Turn the Jar until it stops.
Xoay chặt bình.

Cách sử dụng

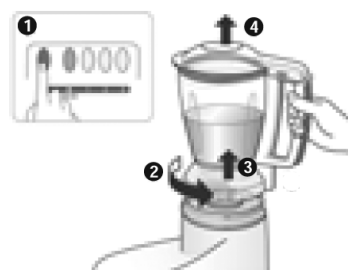
3 Plug in and press the Switch Button. While operating, hold the Lid down.
Cắm điện và ấn nút bật. Khi máy đang vận hành, thì tay xuống nắp.

4 Press the “OFF” Button and remove the Jar. Then take out the contents.
Bấm nút “OFF” và tháo bình khỏi hộp chứa động cơ. Sau đó lấy nguyên liệu xay trong bình ra.



Please run the appliance for short duration. Pause for 3 minutes and then resume.

Vui lòng chạy thiết bị theo khoảng thời gian ngắn. Dừng trong 3 phút và sau đó tiếp tục vận hành.



Unplug after every use.

Rút phích cắm sau mỗi lần sử dụng.

Blades are very sharp. Handle them carefully.

Lưỡi xay rất sắc. Hết sức cẩn thận khi sử dụng.

Never open or close the Lid when the Jar is placed on the Motor Housing as the Blade is still moving for a while after switching off.

Không bao giờ mở hoặc đóng nắp khi bình đang đặt trên hộp chứa động cơ bởi lưỡi xay vẫn sẽ quay một lúc sau khi đã tắt.

3.3. How to Assemble / Disassemble

How to Assemble / Disassemble Cách tháo lắp

Blade / Whipping Plate Lưỡi / Đĩa đảo

(Jar, Mill Jar, Chutney Jar) (Bình loại thường, bình cao, bình thấp)

Assemble Lắp

- 1 Put the Blade or the Whipping Plate inside the Jar.

Đặt lưỡi hoặc đĩa đảo vào bên trong bình.



- To disassemble, reverse the assembly instructions.
- Để tháo, làm ngược lại quy trình lắp.

- 2 Hold the Jar coupler at the bottom.
Giữ khớp của bình ở dưới đáy.

- 3 Tighten the Blade knob (black) with the Spatula (anti-clockwise direction).
Siết chặt núm lưỡi (màu đen) bằng thìa trộn (xoay ngược chiều kim đồng hồ).



(Chutney Jar)
(Bình thấp)



The Chutney Blade is fixed permanently. Do not attempt to remove the Blade.

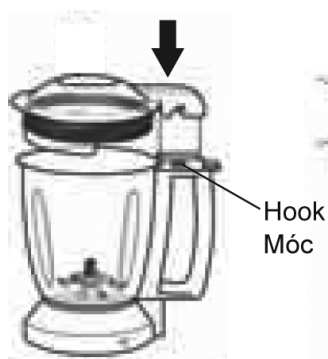
Bình thấp được gắn cố định vĩnh viễn. Không được cố gắng tháo lưỡi xay của bình thấp.

Lid Nắp

Assemble Lắp

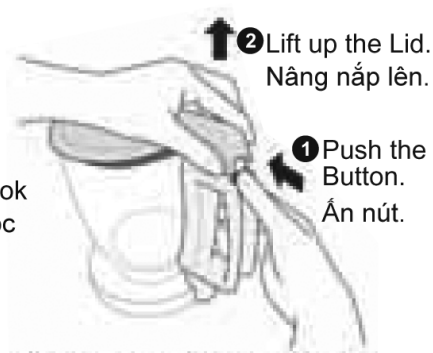


- Attach the Gasket to the Lid with grooved slide down.
- Gắn đệm vào nắp với mặt có rãnh hướng xuống dưới.



- Set the Hook on and make sure the Lid is locked.
- Cài móc vào và đảm bảo nắp được khóa chắc chắn.

Disassemble Tháo



- In case the Lid is forced to open without pushing the Button, the Hook may break.
- Trong trường hợp cố mở nắp mà không ấn nút, móc cài có thể sẽ bị vỡ.

3.4. Safety Lock/Circuit Breaker Protection

Safety Lock

Khóa an toàn

The Safety Lock has been designed to prevent the appliance from switching on when the Jar is not properly in place. Do not push the Safety Lock with any implement, stick etc.

Keep clean to avoid foreign particle deposits on the Safety Lock.

Khóa an toàn được thiết kế để tránh thiết bị bật lên khi bình chưa ở vị trí đúng. Không được ấn khóa an toàn bằng bất cứ dụng cụ, que, v.v...

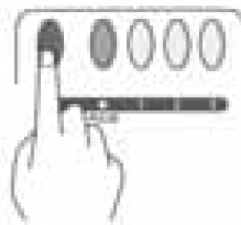
Giữ gìn vệ sinh để tránh vật thể ngoại lai xâm nhập và đọng ở vào khóa an toàn.



Circuit Breaker Protection

Cầu dao bảo vệ

- 1 When the Circuit Breaker automatically stops Motor due to overload, press the "OFF" Button.
Khi cầu dao tự động dừng động cơ do quá tải, ấn nút "OFF".



- 2 Remove the Jar and reduce its contents to half.
Tháo bình và bỏ bớt một nửa nguyên liệu ra ngoài.



- 3 After 2 or 3 minutes, tilt the Motor Housing and push the Circuit Breaker Button at the bottom surface. The appliance is now ready to resume.

Sau khoảng 2-3 phút, nghiêng hộp chứa động cơ và ấn vào nút cầu dao nằm dưới đáy. Thiết bị bây giờ đã sẵn sàng hoạt động lại.



Circuit Breaker Button
Nút cầu dao

3.5. How to Use Plastic jar with Filter Unit

How to Use Plastic Jar with Filter Unit

1. Fix the Filter Gasket.

Lắp đệm lọc.

Fix the Filter Gasket at the bottom of the Filter.
Lắp đệm lọc vào dưới đáy bộ phận lọc.

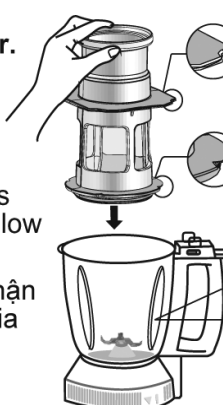


2. Put the Filter in the Plastic Jar.

Đặt bộ lọc vào bình nhựa.

Please ensure, the rib of the Filter is placed properly on the Plastic Jar Flow Breaker lines.

Vui lòng đảm bảo gờ bên của bộ phận lọc được lắp khít với các đường chia dọc của bình nhựa.



These Grooves are located at the top of Plastic Jar Flow Breaker Lines.
Những rãnh này nằm ở mặt trên của các đường chia dọc trên bình nhựa.

These Grooves are located at the bottom of Plastic Jar Flow Breaker Lines.

Những rãnh này nằm ở mặt dưới của bình nhựa Đường chia dọc.

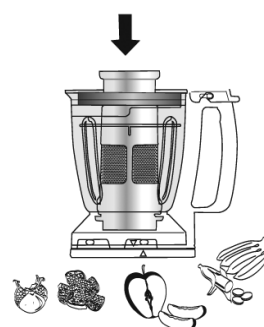
Plastic Jar Flow Breaker Lines
Đường chia dọc của bình nhựa

3. Put ingredients.

Cho nguyên liệu vào bình.

Cut the ingredients into small enough pieces to fit in to the feeder hole with proper water capacity.

Cắt nhỏ nguyên liệu đủ để vừa với lỗ cho nguyên liệu với mực nước phù hợp.



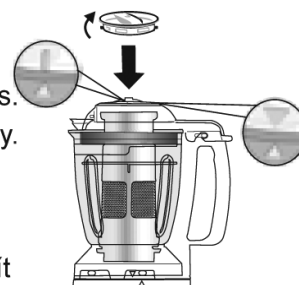
4. Put the Lid-J on the Plastic Jar first.

Trước tiên đặt nắp J lên trên bình nhựa.

Turn the Lid Cover until it stops.
Xoay chặt nắp đây.

Set the hook of Lid-J onto the Plastic Jar. Make sure the Lid Cover is closed over the Lid-J.

Gài móc trên nắp J lên trên bình nhựa. Đảm bảo nắp đây được lắp khít bên trên nắp J.



Cách sử dụng bình nhựa với bộ phận lọc

5. Then set it on the Motor Housing. Sau đó đặt cả cụm bình lên trên hộp chứa động cơ.

Never open or close the Lid-J when the Plastic Jar is placed on the Motor Housing as the Blade is still moving for a while after switching off.

Không bao giờ mở hoặc đóng nắp J khi bình nhựa đang đặt trên hộp chứa động cơ bởi lưỡi xay vẫn sẽ quay một lúc sau khi đã tắt.

1. Line up the triangles Đóng thẳng các hình tam giác



2. Turn the Jar until it stops. Xoay chặt bình.

6. Plug in and press the Switch Buttons. While operating, hold the Lid-J down.

Cắm điện và ấn Các nút công tắc.

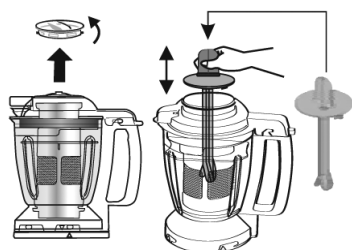
Khi máy đang vận hành, tì tay xuống nắp J.

When adding extra ingredients, turn off the Switch. Remove the Plastic Jar from the Motor Housing and repeat step 3-5

Khi cho thêm nguyên liệu, tắt động cơ. Tháo bình nhựa ra khỏi hộp chứa động cơ và lặp lại các bước 3-5



7. Use Fruit Pusher. Sử dụng đầu đẩy trái cây (Fruit Pusher).



If any fruit ingredients get stuck inside the Filter Unit above the Blade without getting crushed, Use Fruit Pusher by following steps.

Nếu nguyên liệu bị tắc bên trong bộ phận lọc phía trên lưỡi mà không bị nghiền nát, sử dụng đầu đẩy trái cây theo những bước sau.

Step 1: If fruit gets stuck inside the Filter Unit without grinding, first open the Lid Cover with the Mixer in running condition.

Step 2: Insert the Fruit Pusher into the Filter Unit in the direction as illustrated in the image.

Step 3: Stir down the un-crushed fruits by Fruit Pusher towards the Blade.

Step 4: Ensure all the fruit pieces are crushed well. Then remove the Fruit Pusher from the Filter Unit.

Step 5: Replace the Lid Cover over Lid-J after removing the Fruit Pusher and run Plastic Jar with Filter Unit until Juice is completed.

Bước 1: Nếu trái cây bị tắc bên trong bộ phận lọc mà không xay được, trước hết mở nắp đậy khi máy xay vẫn đang hoạt động.

Bước 2: Đưa đầu đẩy trái cây vào trong bộ phận lọc theo hướng như minh họa ở hình vẽ.

Bước 3: Dùng đầu đẩy trái cây khuấy phần trái cây chưa được nghiền về phía lưỡi xay.

Bước 4: Đảm bảo tất cả các miếng trái cây đều được xay kỹ. Sau đó rút đầu đẩy trái cây ra khỏi bộ phận lọc.

Bước 5: Thay nắp đậy bên trên nắp J sau khi rút đầu đẩy trái cây và chạy bình nhựa có bộ phận lọc cho tới khi xay xong sinh tố.

8. To Transfer the Juice. Đổ sinh tố từ bình xay.

After extracting Juice, press the "OFF" Button and remove the Plastic Jar from the Motor Housing. Open the Juice Cap and transfer the Juice to the containers.

Sau khi xay xong sinh tố, ấn nút "OFF" và tháo bình nhựa ra khỏi hộp chứa động cơ. Mở nắp sinh tố và rót sinh tố ra đồ đựng bên ngoài.



3.6. How to Clean

How to Clean

Attention

Chú ý

- Unplug and handle the Blades with care.
- Use the liquid soap mixed with water and soft sponge.
- Do not use benzines, thinners, cleansers, scouring pads, etc.. (Damaging the surface.)
- Do not use hot water over 60°C or dishwasher.
- Rút phích cắm và cẩn thận khi vệ sinh lưỡi xay.
- Sử dụng miếng bọt biển mềm với nước xà bông pha loãng.
- Không sử dụng benzine, các chất tẩy rửa và miếng lau chùi có bề mặt ráp, v.v... (Bề mặt sẽ bị hư hỏng)
- Không sử dụng nước nóng trên 60°C hoặc máy rửa bát.



Wash with soft sponge.
Vệ sinh bằng miếng bọt biển mềm.

- To Pre-wash before and after using Jar
(The Pre-wash does not apply to the Mill Jar and Chutney Jar.)
- ❶ Pour 250 mL lukewarm water in the Jar.
 - ❷ Press Button and operate the appliance for about 10 seconds.
 - ❸ Switch off and unplug.
 - ❹ Disassemble and throw away water.

Để rửa qua trước và sau khi sử dụng bình
(Không rửa qua đối với bình cao và bình thấp).

- ❶ Đổ 250 mL nước ấm vào trong bình.
- ❷ Ấn nút và vận hành thiết bị trong khoảng 10 giây.
- ❸ Tắt thiết bị và rút phích cắm.
- ❹ Tháo bình và đổ nước đi.



To clean Blades
Để vệ sinh lưỡi xay

Wash by a brush with Handle.
Vệ sinh bằng bàn chải có tay cầm.



Handle them carefully to avoid cutting hand or fingers
Cẩn thận khi vệ sinh để tránh bị đứt tay

Wipe the Motor Housing with a well-wrung cloth.
Lau sạch hộp chứa động cơ bằng một miếng khăn vắt kiệt nước.

Cách vệ sinh lau chùi

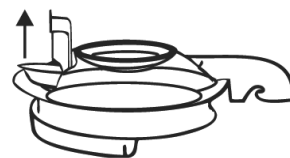
Filter Cleaning Vệ sinh bộ phận lọc

- Cleaning should be done immediately after every use.
- Use soft brush & warm water to clean the Filter.
- Clear-out the seeds & skin clogging on the Filter.
- Remove the Filter Gasket and wash the bottom of the Filter and the Filter Gasket.
- Cần vệ sinh ngay sau mỗi lần sử dụng.
- Sử dụng bàn chải mềm & nước ấm để vệ sinh bộ phận lọc.
- Làm sạch hạt bám & vết nguyên liệu đọng bám trên bộ phận lọc.
- Tháo đệm lọc và rửa mặt dưới của bộ lọc và đệm lọc.



Lid-J Cleaning Vệ sinh nắp J

- Hold the Juice Cap straight (90°).
- Remove the Juice Cap straight as shown in the figure.
- Clear-out the seeds & skin clogging on the Filter.
- Wash with soft sponge.
- Giữ nắp sinh tố thẳng (90°).
- Tháo nắp sinh tố theo hướng thẳng đứng như trong hình vẽ.
- Làm sạch hạt bám & vết nguyên liệu đọng bám trên bộ phận lọc.
- Vệ sinh bằng miếng bọt biển mềm.



4 Troubleshooting Guide

TROUBLE	CAUSE	INSPECTION	REMEDY
Abnormal noise & Vibrations.	1. Screws are loose. 2. Cutter shaft is deformed or rubbing. 3. Cutter is de-formed, worn out or broken.	1. Visual 2. Visual 3. Visual	1. Tighten 2. Replace cutter assembly. 3. Replace cutter assembly.
Liquid leakage from jars.	1. Cutter base packing defective.	1. Dismantle jar and check visually for cutter base packing defect.	1. Replace Cutter Base Packing.
Motor doesn't rotate.	1. Power cord is defective. 2. Motor burnt. 3. Circuit breaker tripped off. 4. Carbon brush worn out	1. Using multimeter check continuity. 2. Using multimeter check Resistance as below a) Black to Red - 20Ω b) Black to Blue - 22Ω c) Black to Yellow - 24Ω 3. Reset & check continuity with multimeter. 4. Visual	1. Replace power cord. 2. Replace motor. 3. Reset the circuit breaker. 4. Change carbon brush full set.
Motor overheats.	1. High voltage. 2. Shorted motor.	1. Using multimeter check continuity. 2. Using multimeter check Resistance as below a) Black to Red - 20Ω b) Black to Blue - 22Ω c) Black to Yellow - 24Ω	1. Check the input voltage from customer end. 2. Replace motor.

NOTE: BEFORE DELIVERY CHECK THE MIXER GRINDER IN FRONT OF THE CUSTOMER.

TROUBLE	CAUSE	INSPECTION	REMEDY
Motor overheats	3. Overload (with solids or highly viscous ingredient). 4. Motor is continuously operated for more than 30 minutes.	3. Check the smoothness of the motor shaft by rotating with hand.	3. Refer to operating Instruction. 4. Explain to customer that mixer should be operated only for 30 minutes.
Circuit breaker does not work & motor burns.	1. Circuit breaker failure. 2. Motor burns.	1. Using multimeter check continuity. 2. Using multimeter check Resistance as below a) Black to Red - 20Ω b) Black to Blue - 22Ω c) Black to Yellow - 24Ω	1. Replace circuit breaker. 2. Motor replace.
Circuit breaker does not rest.	1. Circuit breaker is open.	1. Check continuity with multimeter.	1. Replace the circuit breaker.
Blade is not rotating.	1. Connector upper worn out. 2. Connector lower worn out. 3. Foreign materials is between cutter & cutter base assembly.	1. Visual 2. Visual 3. Visual	1. Replace connector upper. 2. Replace connector lower. 3. Clean the cutter base assembly.

NOTE: BEFORE DELIVERY CHECK THE MIXER GRINDER IN FRONT OF THE CUSTOMER.

TROUBLE	CAUSE	INSPECTION	REMEDY
Unit can not be turned on. Unit stops operation.	● Is Jar set properly? ● Is the Lid set properly?	Visual	● Turn the Jar until it stops.
Unit does not operate when turned on.	● Is the plug connected properly? ● Aren't ingredients stuck?	Visual	● Plug in properly. ● Remove all the ingredients once and put them back in the Jar.
Unit stops operation during use.	● Is circuit breaker protection active? *Too much ingredients. *Hard ingredients. *Unit makes too much sound or vibration.	Visual	● Follow the instruction for "Circuit Breaker Protection" (P.9)
Ingredients leak from top.	● Is the Lid Gasket set? Hold the Lid down.	Visual	● Set the Lid Gasket properly. (P.4 and P.5)

NOTE: BEFORE DELIVERY CHECK THE MIXER GRINDER IN FRONT OF THE CUSTOMER

5 Disassembly and Assembly Instructions

Caution



Be careful not to injure yourself on the metal edge during disassembly, replacement, or assembly.
Make sure to wear gloves.

Warning

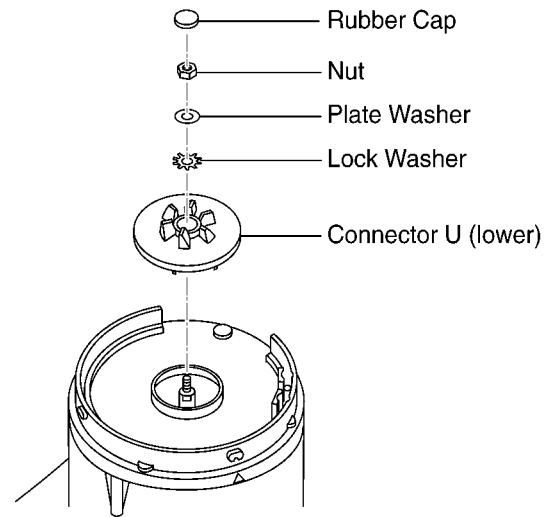


Pull the faston terminals straight out without twisting.

For assembly, refer to the Assembly Instructions, and perform the procedures in the opposite order of disassembly.

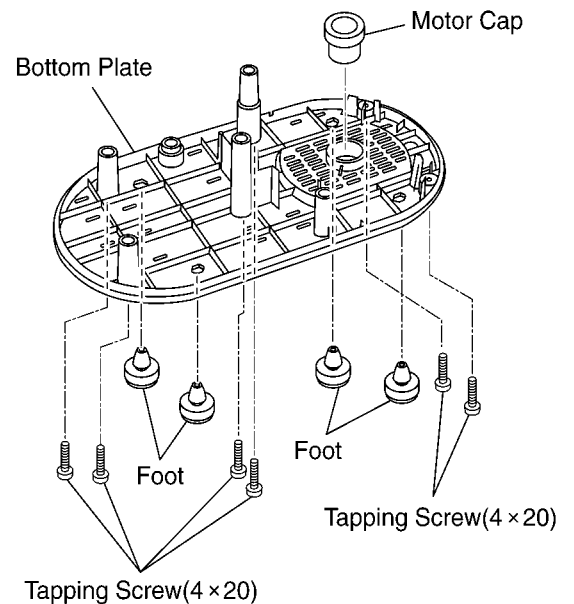
5.1. Rubber Cap, Connector U (lower)

1. Remove Rubber Cap
2. Turn the Nut clockwise, and remove it.
3. Pull out Connector U (lower) and remove Plate Washer and Lock Washer.



5.2. Bottom Plate

1. Remove the 6 Tapping Screws (4x20), and remove the Bottom Plate.
2. Detach the Motor Cap and Foot from the Bottom Plate.

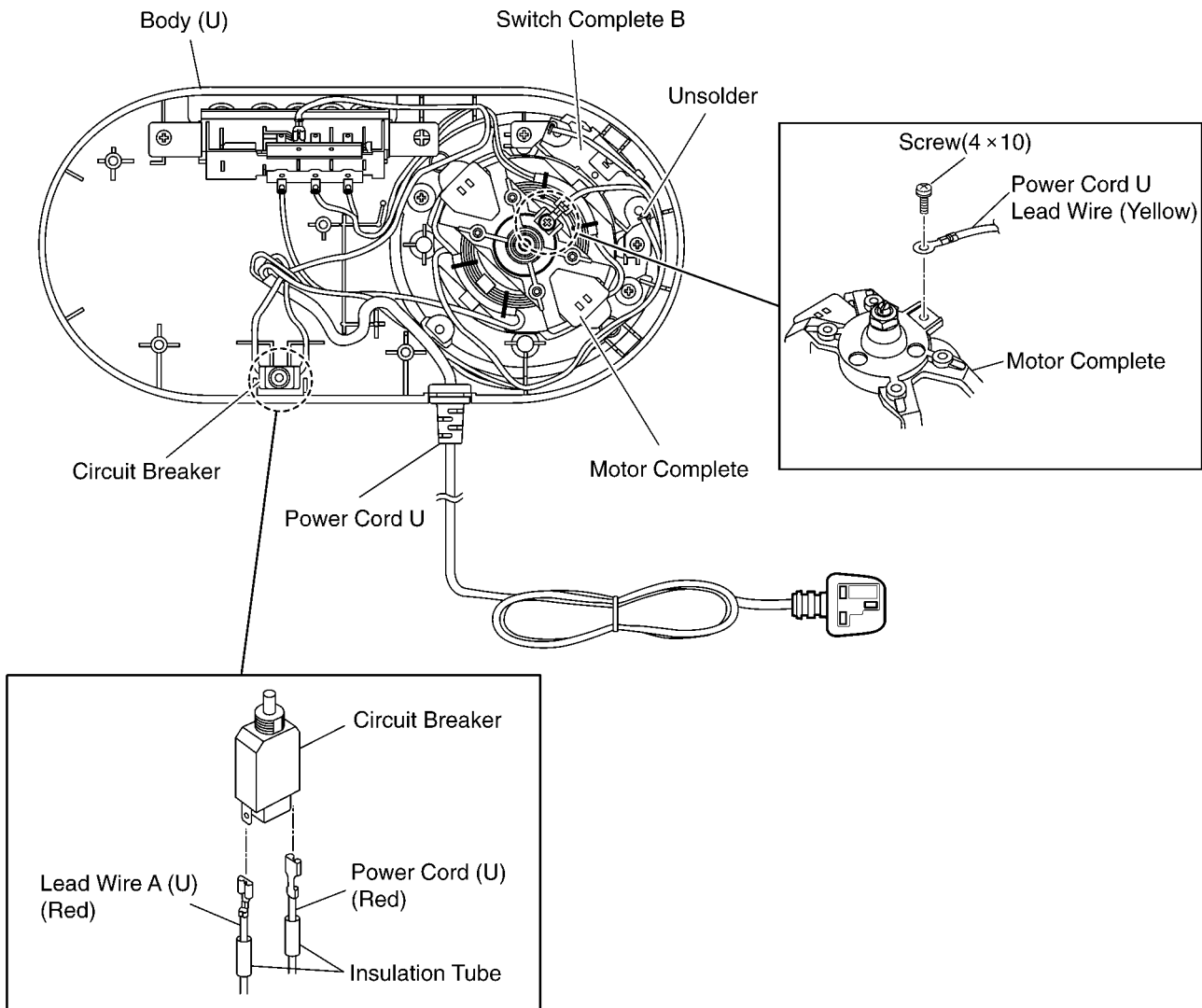


5.3. Power Cord U / Circuit Breaker

1. Remove the Screw (4x10) which fixes the Motor Complete, and remove the Lead Wire (Yellow).
2. Move the 2 Insulation Tubes from the Circuit Breaker, remove the faston terminals of Lead Wire A (U) and Power Cord (U), and remove the Circuit Breaker.

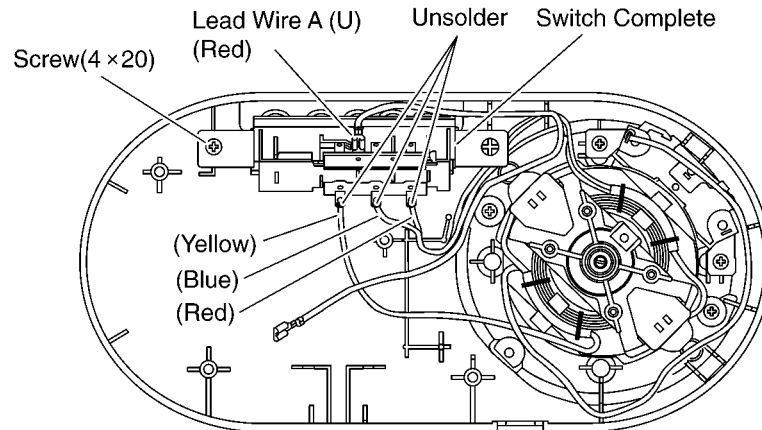
Assembly Instructions

- Attach the Lead Wire to the Circuit Breaker, and set Insulation Tubes firmly.
3. Melt the solder which fixes the Lead Wire (Black) on Switch Complete B, and remove the Power Cord (U).



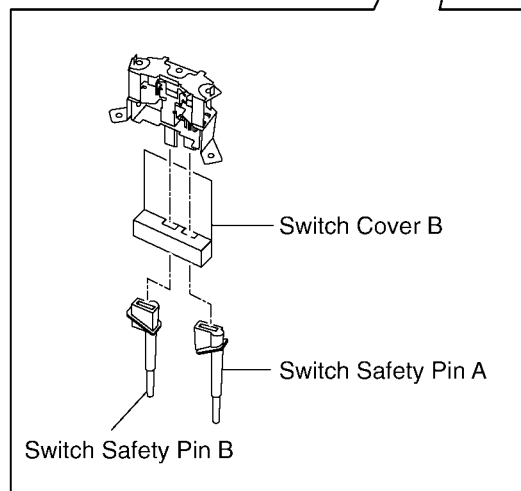
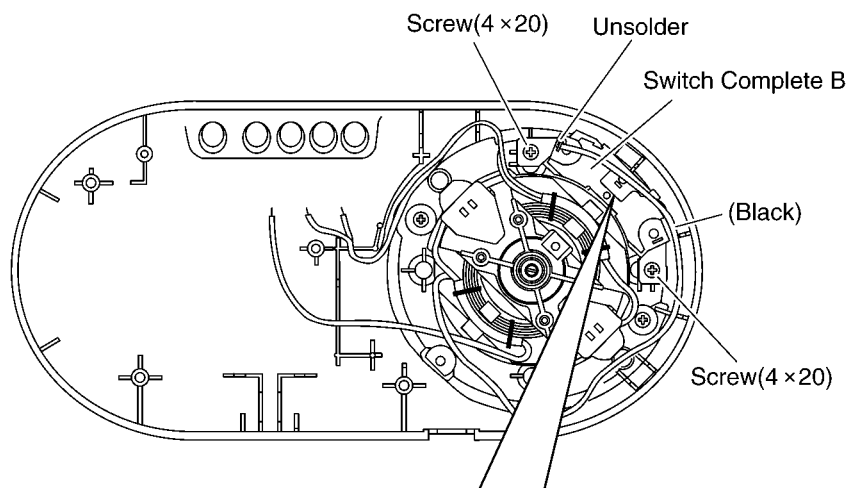
5.4. Switch Complete

1. Remove the faston terminal of Lead Wire A (U).
2. Melt the solder and detach the Lead Wire Yellow, Blue, Red from the Motor Complete.
3. Remove the Screw (4x20), and remove the Switch Complete.



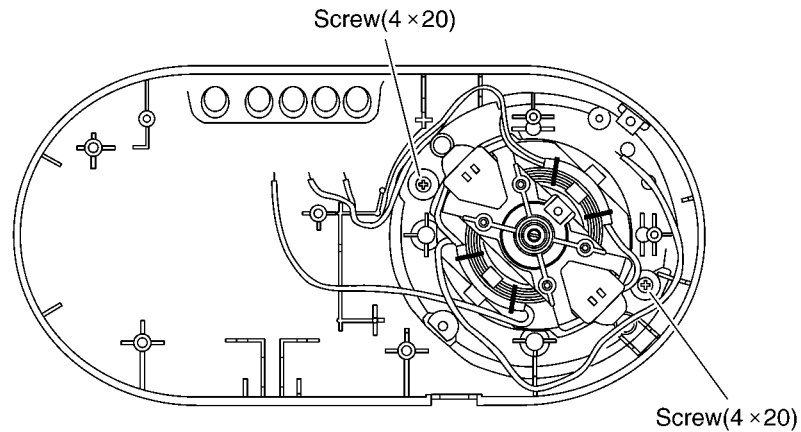
5.5. Switch Complete B

1. Melt the solder and detach the Lead Wire (Black) from the Motor Complete.
2. Remove the Screws (4x20) and remove Switch Complete B.



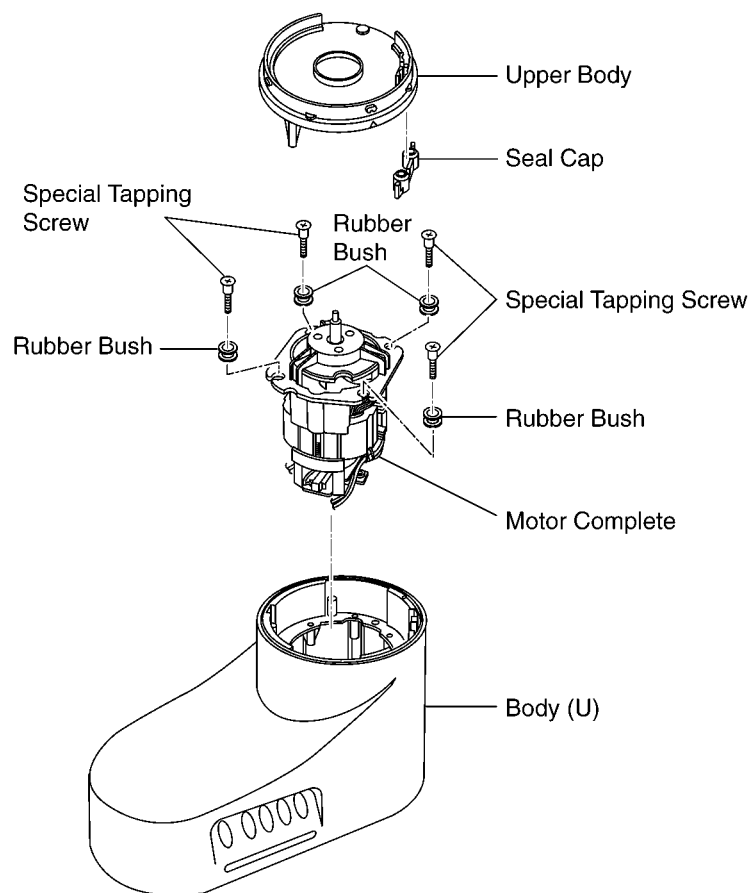
5.6. Motor Complete / Upper Body

1. Remove the 2 Screws (4x20)



2. Put the body upside-down and remove the Upper Body.

3. Remove the 4 Special Tapping Screws, which fix the Motor Complete, and remove the Motor Complete.

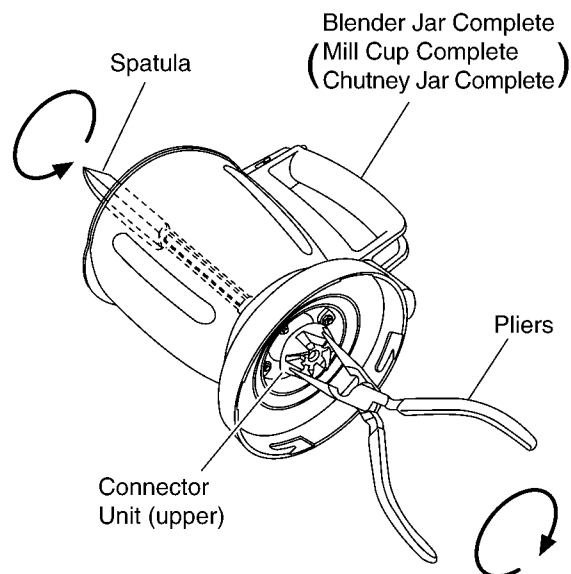


Assembly Instructions

Add vaseline in 2 hole positions of Seal Cap before assembling into the upper body.

5.7. Blender Jar Complete (PC Jar / SS Jar) / Mill Cup Complete / Chutney Jar Complete

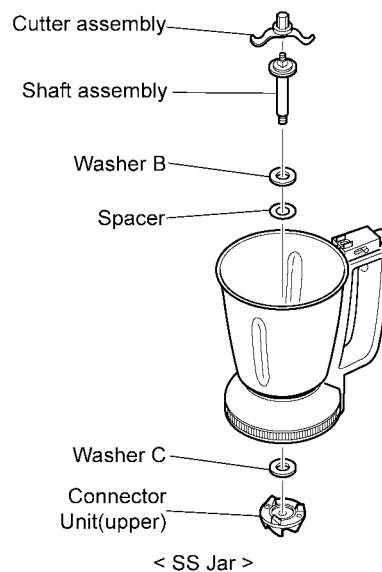
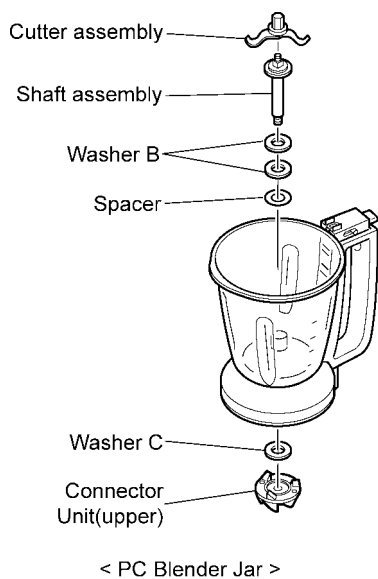
1. Set the Spatula to the Cutter assembly, insert the long-nose pliers into the holes of the Connector Insert (upper), turn it as shown in the picture and take out the blade.

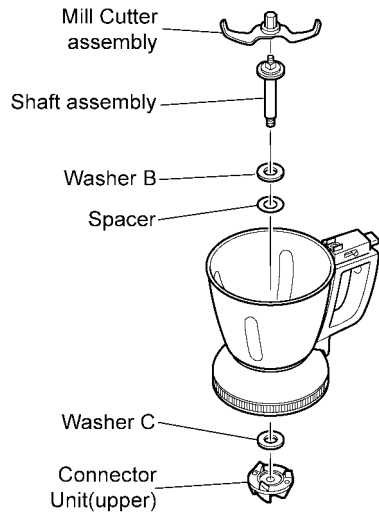


2. Remove Cutter assembly, Shaft assembly, Washer B, Spacer, Washer C and Connector Insert (upper).
 - As the Chutney Cutter assembly consists of Cutter and Shaft integrally, they cannot be separated.
 - The number of the Washer B differs in Blender Jar Complete, Millcut Complete, and Chutney Jar Complete.

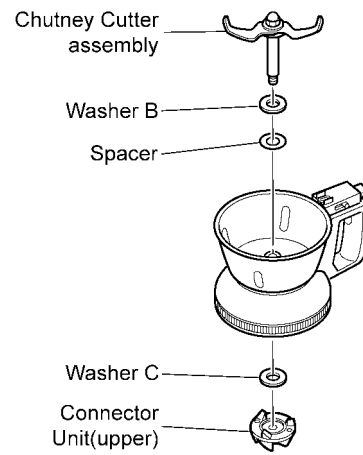
Assembly Instructions

Refer to the picture, and pay attention to the order and the number of Washer B, Spacer, Washer C when you assemble.



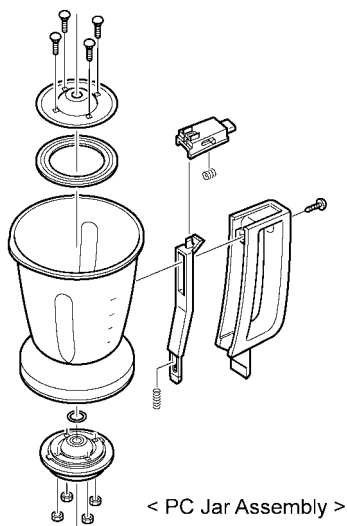


< Mill Cup >

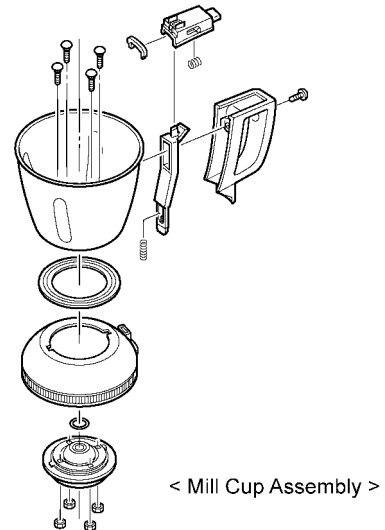


< Chutney Jar >

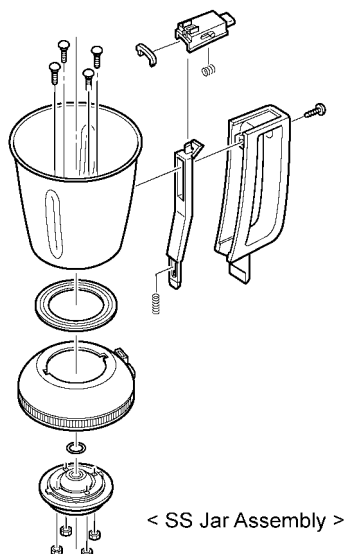
3. Remove 4 pcs of M4 nuts and the trust tapping screw fixing Handle to Jar(Cup) in order to disassemble Blender Jar assembly, Mill Cup assembly or Chutney Jar assembly.



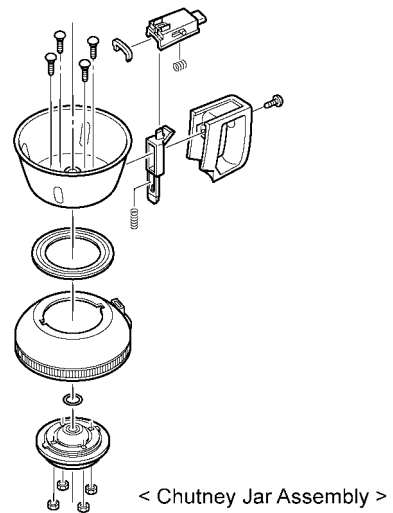
< PC Jar Assembly >



< Mill Cup Assembly >



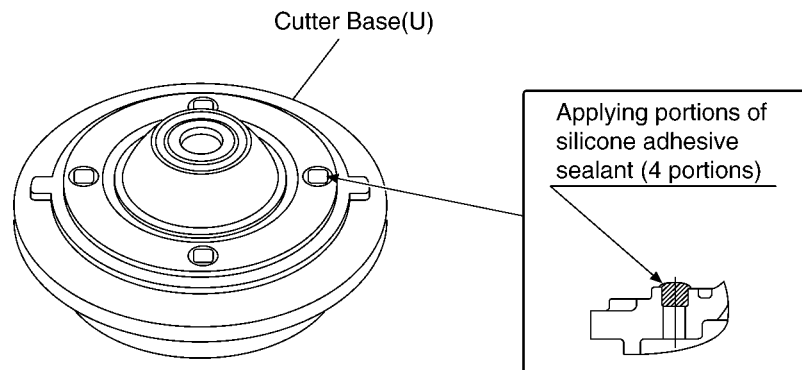
< SS Jar Assembly >



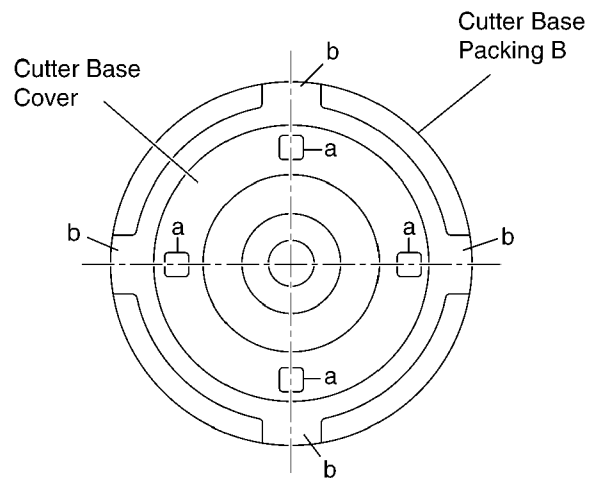
< Chutney Jar Assembly >

Assembly Instructions

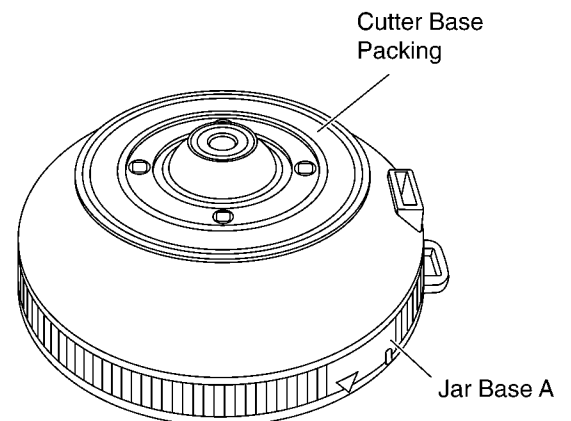
- a. Apply Silicone Adhesive Sealant(TSE382C) into the screw holes(4 portions) of Cutter Base (U).



- b. Cutter Base Packing B for PC Jar is to be set in the correct direction as shown in the figure. the grooves b are to be in alignment with the holes a of Cutter Base Cover.



- c. Cutter Base Packing for SS Jar, Mill Cup & Chutney Jar is to be set in the direction of Cutter Base Packing rib side up.



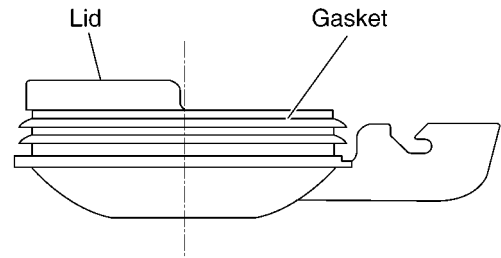
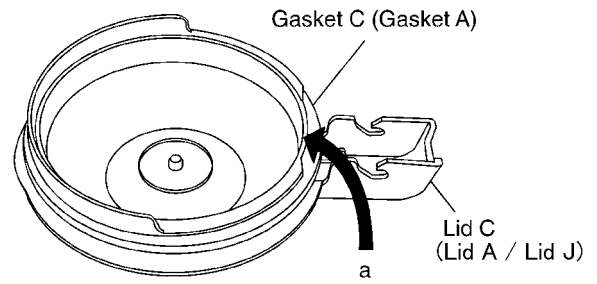
- d. After assembling PC Jar, Mill Cup & Chutney Jar, fill the Jar(Cup) with maximum quantity of water (Refer to Specifications: Page 3), keep it for 24 hrs and confirm no water leakage. In case of water leakage, reassembly Jar(Cup) in accordance with Assembly Instructions.

5.8. Lid C (Lid A / Lid J)

1. Remove Gasket C (Gasket A) from part "a" of Lid C / Lid J(Lid A).

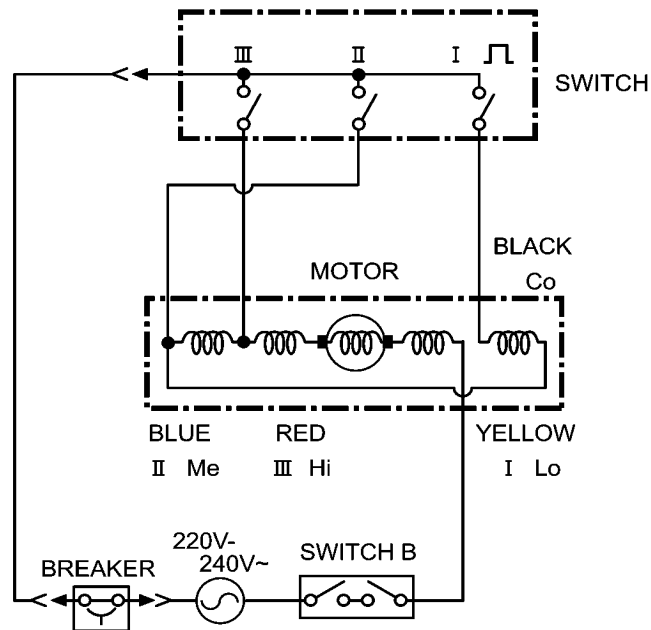
Assembly Instructions

- a. Pay attention to the orientation of Gasket C (Gasket A). Assemble it in the correct orientation.
- b. Apply cornstarch on Gasket C(Gasket A) after assembling it into Lid.



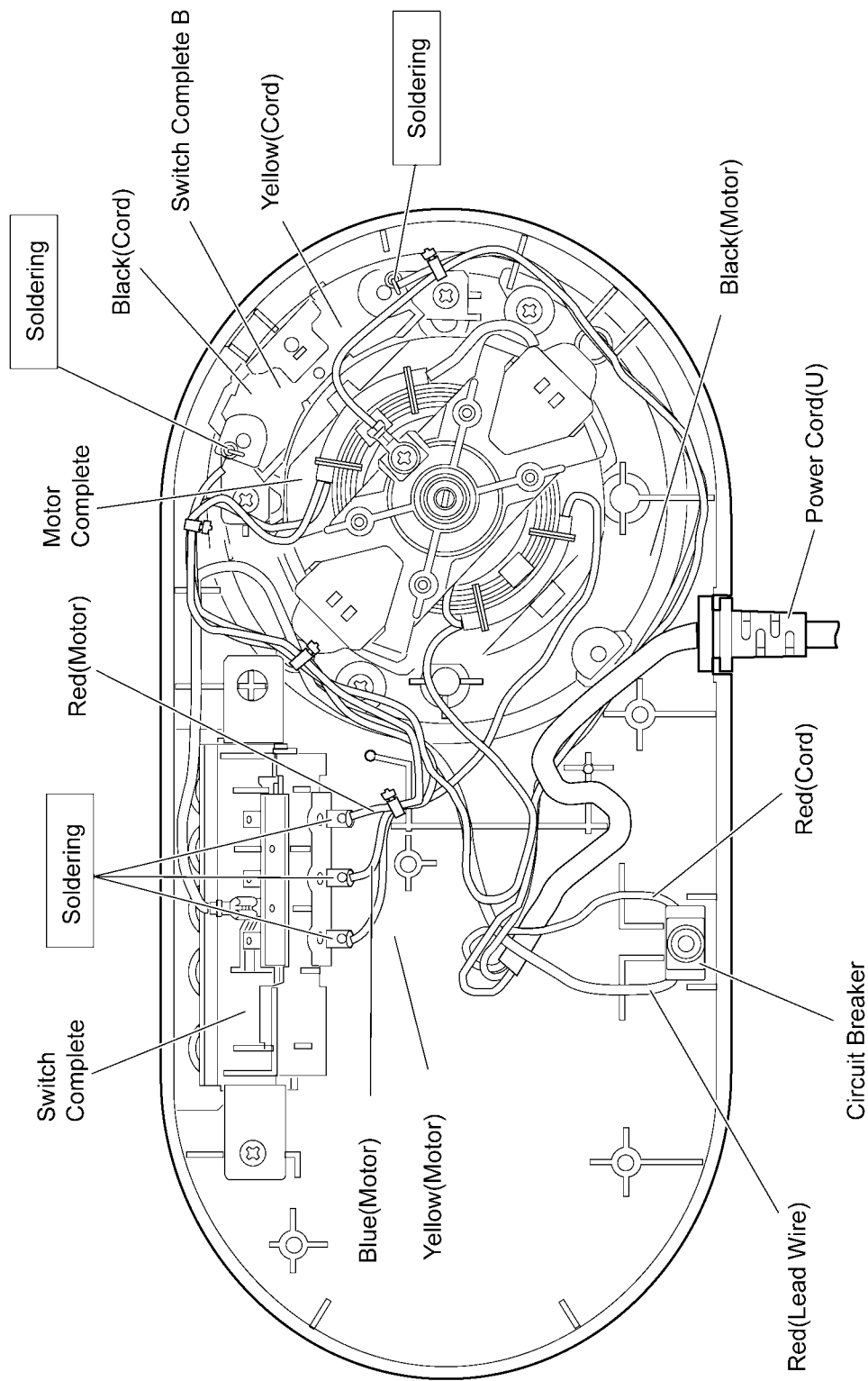
6 Wiring Connection Diagram

6.1. Schematic diagram



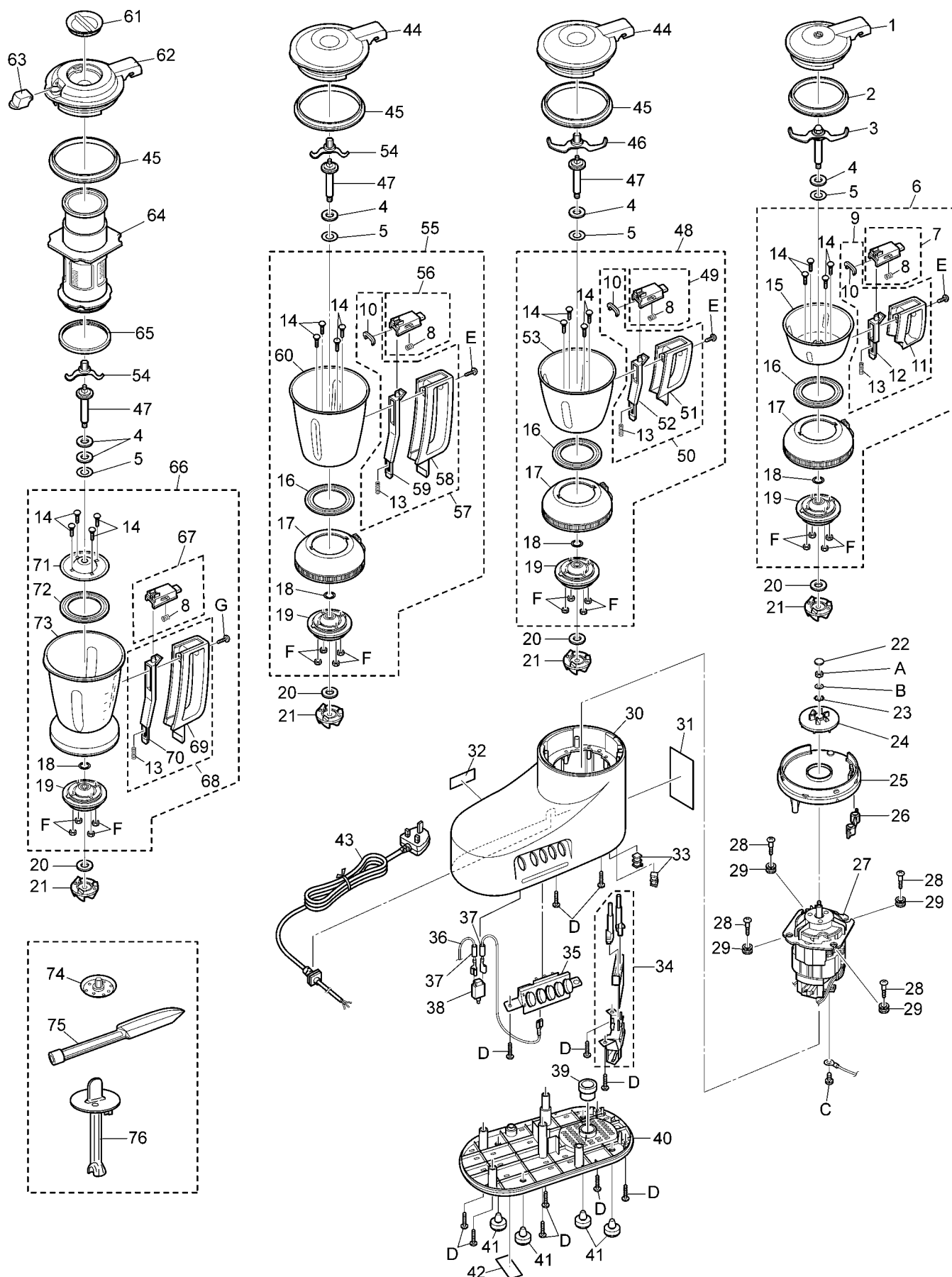
As shown in the wiring diagram heavy duty motor's yellow wire is connected with low speed switch terminal, blue wire is connected with medium speed switch terminal, red wire is connected with maximum speed switch terminal. Motor black wire is connected to power cord black wire, Power cord green wire is connected to motor body for earth and Red wire is connected to circuit breaker. One end of the lead wire is connected to the circuit breaker and the other end is connected with switch.

6.2. Wiring diagram



7 Exploded View and Replacement Parts List

7.1. PARTS LOCATION



7.2. REPLACEMENT PARTS LIST

Notes: Important safety notice

- Components identified by Δ mark have special characteristics important for safety.
- " When replacing any of these components use only manufacturer's specified parts."

MODEL No.MX-AC400WRA

Safety	Ref. No.	Part No.	Part Name & Description	Pcs/Set AC400WRA	Remarks
		<PARTS LIST>			
	1	AVF07-193	Lid A	1	
	2	AVE29-158	Gasket A	1	
Δ	3	AVF93-158	Chutney Cutter (U)	1	
	4	AVF10-125	Washer B	5	Bake t=0.6
	5	AVF04-158	Spacer	4	Metal t=0.3
	6	AVA36-193	Chutney Jar Complete	1	
	7	AVA38-193-W0	Handle Top Cover (S)	1	
	8	AVE35-193	Button Spring	4	
	9	AVA41-193-W0	Chutney Handle(S)	1	
	10	AVE39-193	Handle Seal	3	
	11	AVE21-193-W0	Chutney Handle	1	
	12	AVE46-193	Chutney Interlock Rod	1	
	13	AVE18-193	Rod Spring	4	
	14	AVJ06-158	Square Neck Bolt	16	
	15	AVE77-193	Chutney Jar (U)	1	
	16	AVE06-158	Cutter Base Packing	3	
	17	AVE24-193-W0	Jar Base A	3	
	18	AVE28-158	Seal Packing A	4	
	19	AVE92-158	Cutter Base(U)	4	
	20	AVF60-193	Washer C	4	Bake t=0.4
	21	AVF95-1251	Connector U(upper)	4	
	22	AVB05-125	Rubber Cap	1	
	23	J18C60000	Lock Washer	1	
	24	AVB99-1251	Connector U(lower)	1	
	25	AVB06-193-H0	Upper Body	1	
	26	AVB18-193	Seal Cap	1	
Δ	27	AVM99-193	Motor (U)	1	
	28	VJ03-125	Special Tapping Screw	4	
	29	AVB12-125	Rubber Bush	4	
	30	AVB98Y224	Body (U)	1	
Δ	31	AVY03V224	Caution Label A	1	
Δ	32	AVY02V224	Caution Label	1	
	33	AVB11-125	Tapping Boss	2	
Δ	34	AVN23-193	Switch Complete B	1	
	35	AVN03-158	Switch Complete	1	
	36	AVP97-193	Lead Wire A(U)	1	
Δ	37	AVP02-125	Insulation Tube	2	
	38	AVN07-125	Circuit Breaker	1	
	39	AVB04-158	Motor Cap	1	
	40	AVB02-193-H0	Bottom Plate	1	
	41	AVB03-125	Foot	4	
Δ	42	AVY04V224	Name Plate	1	
Δ	43	AVP94Y193	Power Cord(U)	1	AC220V-240V W/S-3
	44	AVE09-193	Lid C	2	
	45	AVE22-158	Gasket C	3	
	46	AVF97-158	Mill Cutter (U)	1	
	47	AVF92-158	Shaft (U)	3	
	48	AVA35-193	Mill Cup Complete	1	
	49	AVA37-193-W0	Handle Top Cover (S)	1	
	50	AVA40-193-W0	Mill Handle(S)	1	
	51	AVE51-193-W0	Mill Handle	1	
	52	AVE47-193	Mill Interlock Rod	1	
	53	AVE91-193	Mill Cup (U)	1	
	54	AVF96-158	Cutter (U)	2	
	55	AVA37-214	Blender Jar Complete (Stainless)	1	
	56	AVA37-193-W0	Handle Top Cover (S)	1	
	57	AVA42-214-W0	Blender Handle(S)	1	
	58	AVE52-214-W0	Blender Handle	1	
	59	AVE48-193	Blender Interlock Rod	1	
	60	AVE95-214	SS Jar (U)	1	
	61	AVE58-124	Lid J Cover	1	
	62	AVE57-124	Lid J	1	
	63	AVE59-124	Juice Cap	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs/Set	Remarks
				AC400WRA	
	64	AVE78-124-W0	Filter Unit	1	
	65	AVE55-124	Filter Gasket	1	
	66	AVA34-193	Blender Jar	1	
	67	AVA37-124-W0	Handle Top Cover(S)	1	
	68	AVA39-193-W0	Blender Handle (S)	1	
	69	AVE52-193-W0	Blender Handle	1	
	70	AVE48-193	Blender Interlock Rod	1	
	71	AVE26-193	Cutter Base Cover	1	
	72	AVE29-193	Cutter Base Packing B	1	
	73	AVE01-193	Blender Jar	1	
	74	AVF94-158	Whipping Plate(U)	1	
	75	AVE19-158	Spatula	1	
	76	AVE56-124-W0	Fruit Pusher	1	
<SMALL STANDARDIZED METAL PARTS>					
	A	XNG5B	Nut	1	
	B	XWG5	Washer(Plate Washer)	1	
	C	XYN4+C10	Screw	1	
	D	XTN4+20B	Tapping Screw	11	
	E	XST4+8VW	Screw	3	
	F	XNG4BVW	Nut	16	
	G	XTT4+12BVW	Plus Truss Tapping Screw	1	
<PACKING SPECIFICATIONS>					
		AVZ01V224	Inner Carton	1	
		AVZ03-193	Bottom Pad A	1	
		AVZ06-124	Bottom Pad B	1	
		AVZ02-124	Top Covering Pad	1	
		AVZ05-124	Pad for Chutney cup	1	
		AVZ04-193	Pad For PC Jar	1	
⚠		AVZ50V224	Operating instructions	1	
		XZB44X44A03	PE Bag(Body)	1	
		XZB20X25A03	PE Bag(Lid)	4	
		XZB08X20A03	PE Bag(Cord)	1	

7.3. PACKING INSTRUCTION

